

AMENDMENTS TO THE CLAIMS:

13.(previously presented): A mobile station corresponding to DS-CDMA performing a first correlation determination between a received signal and a pre-assigned spreading code by shifting the relative timing between the received signal and the pre-assigned spreading code, and performing a second correlation determination between the received signal and a plurality of kinds of spreading codes based on the timing obtained by the first correlation determination, said mobile station comprising:

a storage unit storing the received signal; and

a control unit using same received signal having been stored in the storage unit for performing the first and second correlation determinations.

14.(previously presented): A mobile station corresponding to DS-CDMA performing a first correlation determination between a received signal and spreading codes that are the same for a plurality of base stations by shifting the relative timing between the received signal and the spreading codes, and performing a second correlation determination between the received signal and N different spreading codes based on the timing obtained by the first correlation determination for determining which of the N ($N \geq 2$) spreading codes is attributable to the base station that has transmitted the received signal of which the timing has been determined by the first correlation determination, said mobile station comprising:

a storage unit storing the received signal; and

a control unit using same received signal having been stored in the storage unit for performing the first and second correlation determinations.

15.(currently amended): A mobile station corresponding to DS-CDMA performing a first correlation determination between a received signal and a pre-assigned spreading code by shifting the relative timing between the received signal and the pre-assigned spreading code, and performing a second correlation determination of the received signal for first and second spreading codes of which the code patterns are different from each other based on the timing obtained by the first correlation determination, said mobile station comprising:

a storage unit storing the received signal; and

a control unit using ~~same~~ the received signal having been stored in the storage unit ~~at least~~ for performing the second correlation determination, in which the first correlation is performed by using the pre-assigned spreading code and the received signal that has not been stored in the storage unit.

16.(canceled)

17.(previously presented): A correlation determination method for a DS-CDMA mobile station performing a first correlation determination between a received signal and a pre-assigned spreading code by shifting the relative timing between the received signal and the pre-assigned spreading code, and performing a second correlation determination between the received signal and a plurality of kinds of spreading codes based on the timing obtained by the first correlation determination, said correlation determination method comprising:

storing the received signal; and

using same stored received signal for performing the first and second correlation determinations.

18.(new): A mobile station corresponding to DS-CDMA performing a first correlation determination between a received signal and a pre-assigned spreading code by shifting the relative timing between the received signal and the pre-assigned spreading code, and performing a second correlation determination between the received signal and a plurality of kinds of spreading codes based on the timing obtained by the first correlation determination, said mobile station comprising:

a storage unit storing at least a portion of the received signal; and

a control unit using same portion of the received signal having been stored in the storage unit for performing the first and second correlation determinations.